Tools to Support Local Generation of Reports

Ad Hoc Reports

With the implementation of WiSACWIS, ad hoc reports have been, or may be, requested. The requests for these reports will be reviewed against the list of on demand and standard system reports, so that duplicate or redundant reports are not produced. All requests will be prioritized and tracked in a WiSACWIS internal incident database. An authorized individual within an agency must complete the WiSACWIS Ad Hoc Request Form (CFS 2201) in order to generate an ad hoc report. A description of the ad hoc report request process and form are available on the WiSACWIS Knowledge Center. Click on <Reports>.

Microsoft Office

Excel is a simple to use but extremely powerful spreadsheet and data analysis tool. Counties can download data from eWeb reports into Excel and then utilize Excel's sorting and filtering capabilities to analyze the data. Summary reports can be easily created from the detailed data through the use of pivot tables. In addition, data can be presented visually as charts and graphs. Experienced users of Microsoft Access have another option available for creating and customizing reports from downloaded data. Access provides additional reporting flexibility above and beyond that available in Excel.

WisacwisReplicator (REPL)

The WisacwisReplicator allows counties to create their own ad hoc reports by running SQL queries against a local copy of the WiSACWIS data. Only data that is specific to each county is selected from the master database for copying to the local database. REPL includes many (but not all) of the WiSACWIS tables. WisacwisReplicator is a Java application that will replicate, or copy, data from a master Oracle database to a local Oracle Lite database. The first time the WisacwisReplicator connects to the master database it will perform a complete load of the data; thereafter it will copy only the data that has changed since the last replication was performed. Links to additional information on the Replication process are available on the WiSACWIS Knowledge Center. Click on <Replication>.

Data Dictionary

The WiSACWIS Data Dictionary is an extensive database metadata (information about data) repository that will be the primary reference tool used by the County in the report development processes. The Data Dictionary will assist the County with the following tasks:
- Data Mapping;
- Data Element Analysis; and
- Database Relationship Analysis.

It is an Access database with an extensive GUI. There are also several hundred image files that provide the ability to view WiSACWIS application sample screenshots and Data Models within the Dictionary. Finally there is a Data Dictionary User's Manual to help county data analysts use the Data Dictionary effectively. Links to download each of these Data Dictionary components are available on the WiSACWIS Knowledge Center. Click on <Interfaces>, <Data Dictionary>.